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### Corn and Soybean Yields Down from 2000

**Maryland:** Based on conditions around August 1<sup>st</sup>, corn, soybean, and tobacco yields are expected to be down from 2000 due to varied growing conditions throughout the state this season. Projected **corn** for grain yield is 135 bushels per acre, down 20 bushels from last year's yield of 155 bushels per acre. If realized, Maryland's corn yield will be the third highest on record. Corn production is forecasted at 58.1 million bushels, down 3 percent from last year, but up 73 percent from 1999. According to the Weekly Crop and Weather Report for the week ending July 30<sup>th</sup>, corn condition stands at 3 excellent, 67 percent good, and 20 percent fair, 7 percent poor and 3 percent very poor.

For **soybeans**, yield is forecast to be 38 bushels per acre, down 5 bushels from 2000's final estimate of 43 bushels per acre. With a projected production level of 19.4 million bushels, this year's soybean production will be down 12 percent from last year, but up 26 percent from 1999. From the Weekly Crop and Weather Report for the week ending July 30<sup>th</sup>, soybean condition was rated 5 excellent, 75 percent good, and 14 percent fair, 5 percent poor, and 1 percent very poor.

**Tobacco** is expected to yield 1,400 lbs./acre, a 50 pound per acre decrease from last year's yield. Maryland's tobacco buyout program caused acreage to decrease 70 percent within the last year. Consequently, tobacco production is forecast at 2.4 million pounds for 2001, down 71 percent from 2000's final production estimate of 8.3 million pounds.

**Apple** production is forecast at 40.0 million pounds, up 19 percent from 33.7 million pounds in 2000.

**United States:** Corn production is forecast at 9.27 billion bushels, down 7 percent from last year and 2 percent from 1999. Based on conditions as of August 1, yields are expected to average 133.9 bushels per acre, down 3.2 bushels from last year. If realized, this would be the lowest production since 1997. Yields are mostly lower than 2000 in the central and eastern Corn Belt as well as the southern Plains. Mostly higher yields were reported in the western Corn Belt and Southeast where the corn crop is rebounding from drought conditions last year. Farmers expect to harvest 69.2 million acres of corn for grain, down 100,000 acres from June and 5 percent from 2000.

Soybean production is forecast at a record high 2.87 billion bushels, up 4 percent from 2000, and 8 percent from 1999. Based on August 1 conditions, yields are expected to average 38.7 bushels per acre, up 0.6 bushel from 2000. This is the third highest yield behind 38.9 bushels per acre in 1997 and 1998. Yields are mostly higher than last year in the Great Plains, Southeast, and lower Mississippi Valley. However, yields are down in the western Corn Belt and Atlantic Coast States. Area planted, at a record 75.2 million acres, is down slightly from June, but up 1 percent from last year. Acres for harvest, at a record 74.1 million acres, are up 2 percent from the 2000 acreage.

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**Acreage, Yield, and Production**  
**2000 and 2001**

Commodity	Unit	Planted		Harvested		Average Yield		Production	
		2000	2001	2000	2001	2000	2001	2000	2001
<b>Maryland</b>		<i>1,000 Acres</i>						<i>1,000</i>	
Corn <sup>1</sup>	ACR	480	510	----	----	----	----	----	----
Corn Grain	BU	----	----	405	430	155	135	62,775	58,050
Corn Silage	TON	----	----	70	<sup>2</sup>	20	<sup>2</sup>	1,400	<sup>2</sup>
Soybeans	BU	520	520	515	510	43	38	22,145	19,380
Sorghum1	BU	10	9	----	----	----	----	----	----
Sorghum Grain	BU	----	----	9	8	84	<sup>2</sup>	756	<sup>2</sup>
Sorghum Silage	TON	----	----	1	<sup>2</sup>	15	<sup>2</sup>	15	<sup>2</sup>
Winter Wheat	BU	220	190	200	180	63	62	12,600	11,160
Barley	BU	55	55	50	50	82	72	4,100	3,600
All Hay	TON	----	----	235	215	3.03	<sup>2</sup>	711	<sup>2</sup>
Alfalfa Hay	TON	----	----	65	60	4.4	<sup>2</sup>	286	<sup>2</sup>
Other Hay	TON	----	----	170	155	2.5	<sup>2</sup>	425	<sup>2</sup>
Tobacco	LBS	----	----	5.7	1.7	1,450	1,400	8,265	2,380
Potatoes, Summer	CWT	4.8	4.8	4.7	4.7	260	240	1,222	1,128
<b>United States</b>								<i>1,000,000</i>	
Corn <sup>1</sup>	ACR	79,545	76,009	----	----	----	----	----	----
Corn Grain	BU	----	----	72,732	69,191	137.1	133.9	9,968	9,266
Corn Silage	TON	----	----	5,868	<sup>2</sup>	17	<sup>2</sup>	99	<sup>2</sup>
Soybeans	BU	74,496	75,216	72,718	74,137	38.1	38.7	2,770	2,867
Sorghum1	BU	9,195	10,047	----	----	----	----	----	----
Sorghum Grain	BU	----	----	7,723	8,777	60.9	62.0	470	544
Sorghum Silage	TON	----	----	265	<sup>2</sup>	10.8	<sup>2</sup>	3	<sup>2</sup>
Wheat, Winter	BU	43,348	41,318	35,022	31,657	44.6	43.8	1,563	1,385
Barley	BU	5,844	5,088	5,201	4,514	61.1	58.8	318	266
All Hay	TON	----	----	59,854	63,833	2.54	2.48	152	158
Alfalfa Hay	TON	----	----	23,077	23,750	3.48	3.38	80	80
Other Hay	TON	----	----	36,777	40,083	1.95	1.95	72	78
Tobacco	LBS	----	----	472.4	451.3	2,229	2,230	1,053	1,006
Potatoes, Summer	CWT	64.7	60.8	61.8	59.1	303	305	19	18

<sup>1</sup> Acres planted is for all purposes.

<sup>2</sup> Published January 2002